

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraphs [0027] and [0028] with the following paragraphs rewritten in amendment format:

[0027] Referring now to Figures 3 and 4, an exemplary multi-band antenna module 42 according to the present invention includes a global positioning system (GPS) band antenna 44, a first industrial, scientific, and medicine (ISM) band antenna 46 that operates at a first frequency, a second ISM band antenna 48 that operates at a second frequency, a satellite radio band antenna 50, and a personal communications services (PCS) band antenna 52 mounted on a panel 54. The first ISM band antenna preferably operates at 2450 MHz, and the second ISM band antenna preferably operates at 5800 MHz. The satellite radio band antenna 50 radiates circular polarization and vertical polarization. The circular polarization is directed overhead, and the vertical polarization is directed towards the horizon. This enables the satellite radio band antenna 50 to communicate with satellites and terrestrial repeaters. The satellite radio band antenna 50 is preferably a cavity-backed crossed-slot antenna, such as the antenna described in "Crossed-Slot Antenna for Mobile Satellite and Terrestrial Radio Reception", Serial No. _____, filed _____ (~~General Motors Docket No. GP-301743~~) 10/409,513, filed April 8, 2003, which is hereby incorporated by reference in its entirety, and can be constructed in many shapes including circular and rectangular.

[0028] The GPS band antenna 44 radiates circular polarization directed overhead. This enables the GPS band antenna 44 to communicate with satellites. The GPS band antenna 44 is preferably a dielectric-loaded patch antenna. The first ISM band antenna 46, the second ISM band antenna 48, and the PCS band antenna 52 radiate vertical polarization directed toward the horizon and no signal towards zenith. This radiation pattern is ideal for terrestrial communication and is similar to that of a monopole antenna. The first ISM band antenna 46, the second ISM band antenna 48, and the PCS band antenna 52 are preferably center-fed patch antennas, such as the antenna described in "Low-Profile Antenna", Serial No. _____, filed _____ (~~General Motors Docket No. GP-301921~~) 10/408,004, filed April 4, 2003, which is hereby incorporated by reference in its entirety. Center-fed patch antennas are low-profile and preferably constructed using low-cost stamped sheet metal or printed circuit

techniques. An important feature of the multi-band antenna module 42 is that it is low-profile. All of the antennas 44, 46, 48, 50, and 52 are less than six millimeters tall and are optimized to produce the radiation pattern for their required services.